

PROJECT NAME: *Prototype Ciona Intestinalis Sperm/Egg Filter*



DESIGNWORKS

DATE: 9/xx/2001 to Present

CLIENT: Joint Genome Institute-Instrumentation Group

PROJECT TEAM:



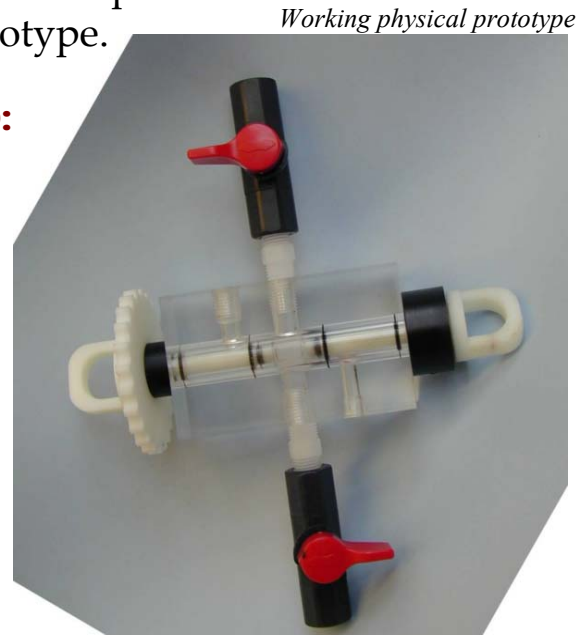
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PROJECT:

A key stage in automating the DNA electroporation process for *Ciona Intestinalis* (Sea Squirt) is the filtering of sperm from a batch of fertilized eggs. JGI developed a concept for a prototype module that automates this sperm/egg filtering process. DesignWorks performed the detail design and fabrication work to carry the concept into a working physical prototype.

CAPABILITIES APPLIED:

- Detail design
- Solid modeling
- Rapid prototyping
- Procedure definition
- Process review



Working physical prototype

